



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 3248

Bib Data Sheet

SERIAL NUMBER 10/678,818	FILING DATE 10/03/2003 RULE	CLASS 318	GROUP ART UNIT 2837	ATTORNEY DOCKET NO. STL11046
APPLICANTS Apurva Dolatrai Naik, Longmont, CO; ** CONTINUING DATA ***** This appln claims benefit of 60/415,836 10/03/2002 <i>Yes, Ro</i> ** FOREIGN APPLICATIONS ***** <i>None, Ro</i> IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 12/29/2003				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> N/A Verified and Acknowledged <i>Ben Ro</i> <i>Ro</i> Examiner's Signature Initials		STATE OR COUNTRY CO	SHEETS DRAWING 5	TOTAL CLAIMS 20
		INDEPENDENT CLAIMS 2		
ADDRESS David K. Lucente Seagate Technology LLC Intellectual Property - COL2LGL 389 Disc Drive Longmont, CO 80503				
TITLE Cosine bang-bang seek control for a voice coil of a disc drive				
FILING FEE RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	